



GREATER HOUSTON
PARTNERSHIP.

LIFE SCIENCES &
BIOTECHNOLOGY

Houston



Life Sciences and Biotechnology.

From curing cancer to developing life-saving diagnostics and preventive interventions, Houston's world-class research institutions, and innovative companies are taking on the greatest medical challenges of our time.

Houston



ABB Robotics / Texas Medical Center Innovation Institute

#2 Emerging Life Sciences Cluster

(CBRE – 2021)

**HOUSTON'S HIGH CONCENTRATIONS OF LIFE SCIENCE EMPLOYMENT,
HEALTHY FUNDING SCENE, AND COMMITMENT TO TRANSLATIONAL
RESEARCH IS MAKING IT ONE OF THE COUNTRY'S FASTEST GROWING
LIFE SCIENCES ECOSYSTEMS.**

Houston

The Brightest Minds in STEM

29,000+

Core Life Science industry
Employees

15,400+

Life Science and Biotech
Researchers

3,000

Biomed, Bioengineering, and Pharma
Science Degrees Awarded Regionally ('20)



Houston

Sources: GHP Research 2023

Research Funding

Houston enjoys a robust research environment



\$1.9B

Annual research funding

Awarded to Houston institutions
(‘23)

\$951M

National Institutes of Health (NIH)
medical research grants (‘23)

1,752

medical research grants
awarded in ‘21

>20%

Site of more than 20%
of U.S. clinical trials
started in ‘23

Houston

Educational Institutions and Programs

Houston has a strong life sciences education and research ecosystem, including:



Houston

Cancer Prevention and Research

- CPRIT - \$6 Billion, 20-year State Funding Initiative
- Create and expand life science infrastructure across the state
- Expedite innovation in research and enhance the potential of breakthroughs in prevention and cures.



330

Cancer researchers and
their labs recruited to
Texas



259

Childhood and
adolescent research
projects



10.1M

Prevention services
provided to Texans



74

Companies started,
expanded, or brought to
Texas with CPRIT funding

Houston



CANCER PREVENTION & RESEARCH INSTITUTE OF TEXAS



TMCⁱ | ACCELERATOR

 **CUBIO**
INNOVATION CENTER


FANNIN

JLABS @ TMC

Everything is bigger in Texas ... especially innovation.

CDI @ TMC
CENTER FOR DEVICE INNOVATION

Gulf Coast Consortia
 **REACH**
Research Evaluation and Commercialization Hub

BiWell

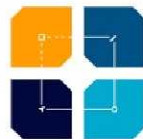
BIOHOUSTON
BUILDING THE LIFE SCIENCE FUTURE

 Portal

UTMB Innovation & Entrepreneurship


RICE
Biotech Launch Pad

UH TECHNOLOGY BRIDGE



**EAST END
MAKER HUB**

IGNITE

Women Shaping the
Future of Healthcare

TMCⁱ | BIODESIGN

**ION
DISTRICT**

Community Resources:

Innovation and
Entrepreneurial
Support Enables
a Thriving Ecosystem



Texas Medical Center, the world's largest, is at the forefront of advancing life sciences through cross-institutional collaboration, creativity and innovation.

TMC Medical Campus: World Class Clinical Care

- 60+ Member institutions
- 10M Patients annually
- Access to resources, clinical trials, and leading treatments.

TMC Innovation Factory: Early-stage Innovators, Programming and space.

- 300+ Start-ups
- \$50M TMC Venture Fund
- \$5.8B Raised to Date

TMC Helix Park, Collaborative core of TMC

- 2023 Opening
- 6M SF of Research Labs, Large-scale Commercialization, Retail space and Hotel
- TMC3 Collaborative Research Building With 4 Founding Institutions

HOUSTON

Recent Real Estate Developments



TMC Helix Park
37-acre campus
Medical District



Generation Park
4,300-acre mixed use
Lake Houston



Alexandria Center for Advanced Technologies
12-acre lab space redevelopment
The Woodlands



Levit Green
52-acre, office and research
Medical District



The Woodlands Innovation District
Over 1M sf of potential
The Woodlands



Lower Kirby District
Dynamic 1,200-acre mixed use
Pearland

8M square feet of Life Sciences Space
in regional hubs



HOUSTON

Workforce Programs

Houston's colleges work to educate the next generation of workforce:



Houston

Healthy Base of Companies in the Region

Houston is home to 1,100 life sciences and biotech companies.

Johnson & Johnson

Lonza

CTMC+

CellReady

IntelliGenome

Millar

SB Sino Biological

Procyron

Immatics

Finc 丰科

Moleculin

InGeneron

Lexicon
pharmaceuticals

Abbott

US Oncology
Research

C/STLE
BIOSCIENCES

OmniScience

VGXI

KIROMIC

Cellipont
BIOSERVICES

nurix

tvardi
THERAPEUTICS

π PackGene

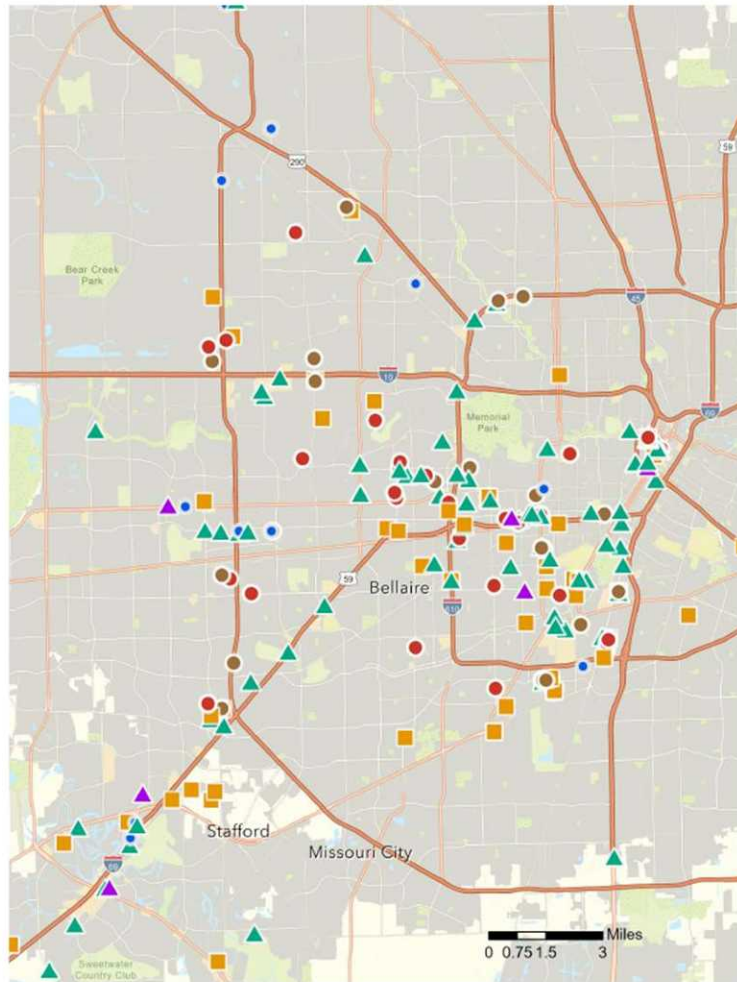
MARKER
Therapeutics

PULMOTECT

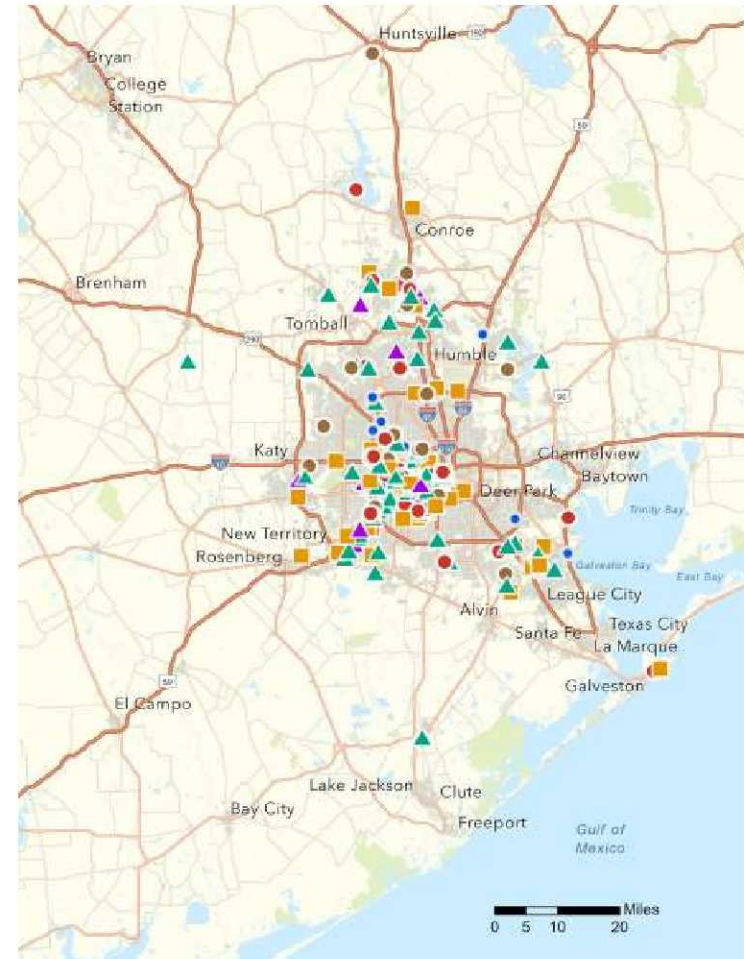
MERTMEDICAL

Houston

Houston Life Sciences Companies



Source: Newmark via JobsEQ for Partnership research



Houston

Cellipont Bioservices

Cellipont, a leading cell therapy contract development and manufacturing organization (CDMO), announced the grand opening of its purpose-built **76,000 sq. ft. manufacturing facility** in the north Houston suburb of The Woodlands, TX. The facility includes 7 clean rooms, QC labs, temperature-controlled storage, shipping bays, warehouse, and admin offices.



"Cellipont is excited to move forward with this next stage as a best-in-class cell therapy CDMO... Houston is an ideal location to serve clients and patients across all of North America, with two major airports and a strong local workforce"



- Deborah Wild
CEO, Cellipont

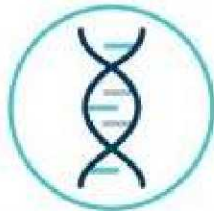
Houston

Houston: Where It All Comes Together

We are a Top Global Business Destination with Diverse Industry Sectors



Energy



Life Sciences



Aerospace & Aviation



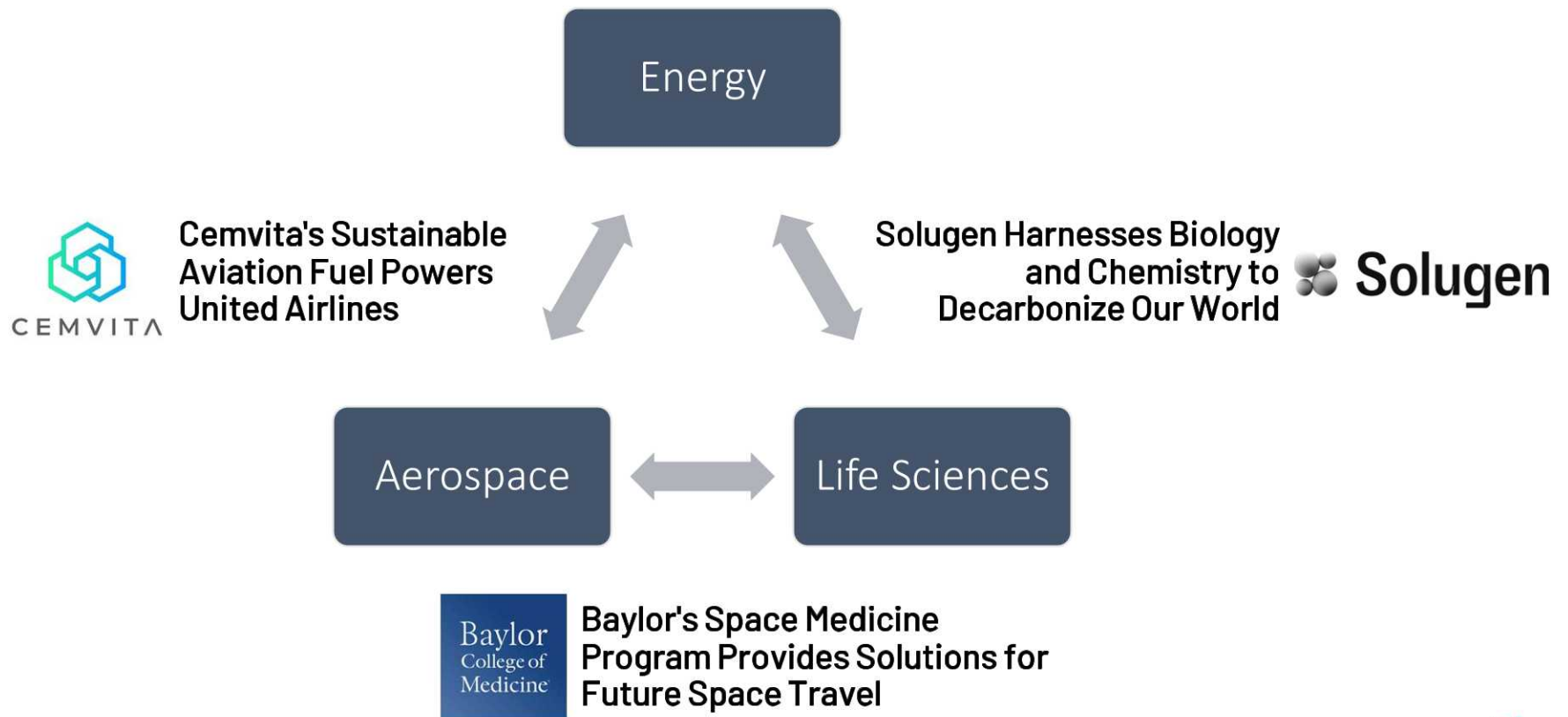
Manufacturing &
Logistics



Digital Technology

Houston

A Leader in Cross-Industrial Collaboration



Houston

HOUSTON TOGETHER

- Synthetic biotechnology can change the genetic material in viruses, bacteria, yeasts, plants, or animals to give them useful new characteristics.
- Houston is uniquely positioned to suit the oncoming \$40B boom in synthetic biotechnology
- With established industries including energy and life sciences, Houston's workforce can meet anticipated demands quicker than anywhere else
- Major Houston synthetic biotech companies like Cemvita, Solugen and Syzygy have already made monumental impact



Houston

"Plugging into existing infrastructures enables Cemvita to unlock sustainability, affordability, and scale. There is nowhere better to do that than Houston. With its existing and robust infrastructure, Houston is an obvious choice for the endless applications of our product."

- Moji Karimi
Co-Founder & CEO, Cemvita



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VK0

[@Shaw Adcock] remove the slide on Synthetic Biology.

Verena Kallhoff, 2024-07-30T22:53:02.585



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GREATER HOUSTON
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Making Houston Greater.